

Order 9697

Ship

14 Nov



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D350-822-013
Job Sheet 183540



Part No: D350-822-013

Job Qty: 4 ea

Part Name: PA100 PUREair System for AS350/EC130 - Provisions



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 9/20/18

Job Tracking No:

Due Date: 11/14/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: IIN-D350-822 REV.H IPP REV:A 16.09.01 NEW ISSUE DD VERF:JFS IPP Rev.B 17.07.11 As per IIN Rev.G
DP Verify DD IPP REV:C 18.07.11 AS PER IIN REV.H DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea	11/14/18	11/14/18	0.00	0.00	Start Up Stores/Pkg-1		DAS SEP 22 2018
110	Packaging	4 pcs	11/14/18	11/14/18	0.00	0.00	Packaging1-4		DAS NOV 16 2018
120	QC	4 pcs	11/14/18	11/14/18	0.00	0.00	QC4		DAS NOV 16 2018
130	Packaging	4 pcs	11/14/18	11/14/18	0.00	0.00	Packaging3-1		DAS NOV 16 2018
135	DC	4 pcs	11/14/18	11/14/18	0.00	0.00	DC		DAS NOV 16 2018
140	QC21-FG	4 Ea	11/14/18	11/14/18	0.00	0.00	QC21		DAS NOV 16 2018

Part Op 130 - Identify and pack for shipping as per PPP D350-822-013
Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-822-013 CHG003

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
23350CA050	Washer	8 Ea (2 ea)	90-Start up Operation	
650.0401	Pureair Faring Assembly	4 Ea (1 ea)	90-Start up Operation	5124263 5124271
8411999090	Gasket - P/N 9752100180	4 pcs (1 ea)	90-Start up Operation	
9945000120	Gasket (for B3e models)	4 pcs (1 ea)	90-Start up Operation	
AN821-12J	Elbow (or AN821-12K or 12S)	8 Ea (2 ea)	90-Start up Operation	
AN929-12J	Cap	4 Ea (1 ea)	90-Start up Operation	
D4925-041	Mounting Plate Assembly	4 Ea (1 ea)	90-Start up Operation	
D4931-1	Engine Fitting (for acft models B2 & previous)	4 Ea (1 ea)	90-Start up Operation	
D4931-3	Engine Fitting (For B3 Models)	4 Ea (1 ea)	90-Start up Operation	
D4931-5	Engine Fitting (for B3e models)	4 Ea (1 ea)	90-Start up Operation	
D4935-1	Mounting Bracket	24 Ea (6 ea)	90-Start up Operation	
D4943-1	Flex Hose	4 Ea (1 ea)	90-Start up Operation	
D4961-041	Tube Assembly	4 Ea (1 ea)	90-Start up Operation	
D4961-043	Tube Assembly	4 Ea (1 ea)	90-Start up Operation	
D5079-1	Placard, Eaps	8 Ea (2 ea)	90-Start up Operation	512849X4
D5090-041	Duct Assembly	4 Ea (1 ea)	90-Start up Operation	
D5105-1	Handle	8 Ea (2 ea)	90-Start up Operation	
D5110-1	Swivel Nut Fitting	4 Ea (1 ea)	90-Start up Operation	
D5179-1	Doubler	8 Ea (2 ea)	90-Start up Operation	
D5179-3	Doubler	8 Ea (2 ea)	90-Start up Operation	
D5194-1	Doubler	8 Ea (2 ea)	90-Start up Operation	
D5208-041	Blanking Plate Assembly	12 Ea (3 ea)	90-Start up Operation	

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order No: _____ Part: _____ Job No: _____ Serial No/ Batch: _____ Revision: _____ Inspector: _____ Exp. Date: _____ Instructions: _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Step #: _____		QTY Effective : _____		MRB (QSI042) Approval																	
Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

LN9038-05012	Bolt	144 pcs (36 ea)	90-Start up Operation
LN9038-05040	Bolt	4 pcs (1 ea)	90-Start up Operation
LN9348-05	Nut	128 pcs (32 ea)	90-Start up Operation
MS20470AD3-4	Rivet, Universal Head	72 Ea (18 ea)	90-Start up Operation
MS21919WCH12	Clamp	4 Ea (1 ea)	90-Start up Operation
MS9592-138	Bracket	4 pcs (1 ea)	90-Start up Operation
NAS1149D0332J	Washer	280 Ea (70 ea)	90-Start up Operation
NAS43DD3-64	Spacer	4 Ea (1 ea)	90-Start up Operation
22208CM050016E	Screw	8 pcs (2 ea)	90-Start up Operation
9945000160	Gasket	4 Ea (1 ea)	90-Start up Operation
D5526-1	Upper Hose Protector	4 Ea (1 ea)	90-Start up Operation
D5526-3	Lower Hose Protector	4 Ea (1 ea)	90-Start up Operation
LN9038-05016	Bolt	8 pcs (2 ea)	90-Start up Operation

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	22208CM050016E	8	16	0
	23350CA050	8	26	0
	650.0401	4	4	0
	8411999090	4	8	0
	9945000120	4	12	0
	9945000160	4	9	0
	AN821-12J	8	21	0
	AN929-12J	4	14	0
	D4925-041	4	7	0
	D4931-1	4	14	0
	D4931-3	4	10	0
	D4931-5	4	0	0
	D4935-1	24	72	0
	D4943-1	4	15	0
	D4961-041	4	10	0
	D4961-043	4	4	0
	D5079-1	8	8	0
	D5090-041	4	6	0
	D5105-1	8	22	0
	D5110-1	4	14	0
	D5179-1	8	11	0
	D5179-3	8	22	0
	D5194-1	8	17	0
	D5208-041	12	14	0
	D5526-1	4	6	0
	D5526-3	4	4	0
	LN9038-05012	144	342	0
	LN9038-05016	8	38	0
	LN9038-05040	4	24	0
	LN9348-05	128	53	0
	MS20470AD3-4	72	6,473	0
	MS21919WCH12	4	9	0
	MS9592-138	4	15	0
	NAS1149D0332J	280	1,958	0
	NAS43DD3-64	4	14	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
OTHER :									



Dart Aerospace Ltd.
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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
005600	S112681	22208CM050016E	Screw	fm138012	ST577	8
005600	S112680	23350CA050	Washer	s013736	ST577	8
005600	S058022	650.0401	Pureair Fairing Assembly	S057999	FG105	1
005600	S112679	9752100180	Gasket	s104779	ST589	4
005600	S112678	9945000120	Gasket (for B3e models)	s104778	ST589	4
005600	S112677	9945000160	Gasket	s107210	ST589	4
005600	S112672	D4925-041	Mounting Plate Assembly	S067449	ST218	4
005600	S112675	D4931-1	Engine Fitting (for acft models B2 & previous)	S059439	ST127	4
005600	S111570	D4931-3	Engine Fitting (For B3 Models)	S111569	ST127	3
005600	S113224	D4931-3	Engine Fitting (For B3 Models)	s111658	ST127	1
005600	S111729	D4931-5	Engine Fitting (for B3e models)	S111727	ST127	3
005600	S113229	D4931-5	Engine Fitting (for B3e models)	s111908	ST127	1
005600	S102849	D4935-1	Mounting Bracket	S102842	ST128	3
005600	S110370	D4935-1	Mounting Bracket	S110369	ST128	10
005600	S112674	D4943-1	Flex Hose	S072110	ST220B	4
005600	S055404	D4961-041	Tube Assembly	S052709	ST129	3
005600	S112673	D4961-041	Tube Assembly	S110840	ST129	1
005600	S110094	D4961-043	Tube Assembly	S110093	ST129	2
005600	S116245	D4961-043	Tube Assembly	s113631	ST129	2
005600	S089420	D5079-1	Placard, Eaps	S089398	ST137	4
005600	S105996	D5090-041	Duct Assembly	S103785	ST222B	4
005600	S102962	D5105-1	Handle	S102961	ST141	8
005600	S112656	D5110-1	Swivel Nut Fitting	S047765	ST142	4
005600	S048935	D5179-1	Doubler	S048934	ST220	3
005600	S110382	D5179-1	Doubler	S110381	ST	4
005600	S113235	D5179-1	Doubler	s112597	ST220	1
005600	S112640	D5179-3	Doubler	S048931	ST220	8
005600	S104644	D5194-1	Doubler	S104643	ST220	2
005600	S112639	D5194-1	Doubler	S110376	ST220	6
005600	S103842	D5208-041	Blanking Plate Assembly	S103821	ST147	8
005600	S117563	D5208-041	Blanking Plate Assembly	s116998	ST147	4
005600	S109096	D5526-1	Upper Hose Protector	S109095	ST167	4
005600	S109112	D5526-3	Lower Hose Protector	S109111	ST167	2
005600	S112627	LN9038-05012	Bolt	s104059	ST565	144
005600	S112624	LN9038-05016	Bolt	fm132469	ST565	8
005600	FM136260	LN9038-05040	Bolt		ST565	2
005600	S112444	LN9348-05	Nut		ST565	85
005600	S118523	LN9348-05	Nut	s117991	ST565	43
005600	S112617	MS20470AD3-4	Rivet, Universal Head	fm136665-40	ST310	72
005600	S112614	MS21919WCH12	Clamp	s089243	ST291	4
005600	S112611	MS9592-138	Bracket	s014155	ST267	4
005600	S112606	NAS1149D0332J	Washer	s100407	ST264	280
005600	S112601	NAS43DD3-64	Spacer	s050057	ST550	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

05526-3
S118052-X2
LN9038-05040
S119862-

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Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
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005600	S112680	23350CA050	Washer	s013736	ST577	8
005600	S112679	9752100180	Gasket	s104779	ST589	4
005600	S112678	9945000120	Gasket (for B3e models)	s104778	ST589	4
005600	S112677	9945000160	Gasket	s107210	ST589	4
005600	S122574	AN821-12J	Elbow (or AN821-12K or 12S)	s103848	ST324	3
005600	S122571	D4935-1	Mounting Bracket	s110378	ST128	11
005600	S110382	D5179-1	Doubler	S110381	ST	4
005600	S122576	D5526-3	Lower Hose Protector	s118052	ST167	2
005600	S112627	LN9038-05012	Bolt	s104059	ST565	144
005600	S112624	LN9038-05016	Bolt	fm132469	ST565	8
005600	FM136260	LN9038-05040	Bolt		ST565	1
005600	S122570	LN9038-05040	Bolt	S119862	ST565	3
005600	S112444	LN9348-05	Nut		ST565	85
005600	S118523	LN9348-05	Nut	s117991	ST565	43
005600	S112601	NAS43DD3-64	Spacer	s050057	ST550	4

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Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

AN821-12J

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